

ABSTRACT OF THE DISCLOSURE

~~The invention relates to a device (1) and a~~ A method and apparatus for producing a hollow section or shell section (2) ~~by means of~~ utilizes a hydroforming (HF) tool, ~~[(3),]~~ having at least one die (4, 5) ~~in which~~ accommodates ~~[[a]] component that is to be formed into [[a]] the hollow section or shell section (2) is accommodated,~~ and at least one plunger ~~[(8)]~~ which can be placed against the die ~~[(4, 5)]~~ in the ~~axial/longitudinal~~ longitudinal direction of the hollow section or shell section (2) ~~and seals~~ sealing off ~~[[said]] the die, (4, 5).~~ ~~In order to enable~~ To produce hydroformed components having joining flanges connected to them in one piece, ~~to be produced in a simpler manner, it is proposed that~~ at least two radially displaceable notching punches are integrated into the HF tool, [(14)] for forming notches ~~[(22)]~~ spaced apart in the peripheral direction, ~~be integrated in the HF tool (3), that the device (1) comprise~~ The apparatus also includes a parting device, ~~which is separate from the notching punches, (14) and is intended for severing the component between [[the]] lateral notch margins [(29)] running in the component longitudinal direction, while forming an extension section, [(27),] and a bending device for bending over the extension section [(27)] outside the HF tool, (3) to form forming a flange section of the hollow section or shell section, [(2).]~~

(Fig. 1)